


<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>UCT-0040</b>		Application Number <b>10/755,856</b>		
				Applicant(s) <b>Gall et al.</b>				
				Filing Date <b>January 12, 2004</b>		Group Art Unit <b>1762 / 775</b>		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LA		5,445,324	8/29/1995	Berry et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LA		US 2002/0062789	5/30/2002	Nguyen et al.				
LA		US 2003/0031806	2/13/2003	Jinks				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
EXAMINER				DATE CONSIDERED				
				<b>1/18/05</b>				
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Lx		2,746,883	5/22/1956	J.B. Powers			
		4,603,568	8/5/1986	Siemers, et al.			
		5,250,780	10/5/1993	Hansz, et al.			

## U.S. PATENT APPLICATION PUBLICATIONS

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## FOREIGN PATENT DOCUMENTS

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							YES	NO
Lx		WO 98/41316	24.09.98	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		International Search Report dated 24/09/2004

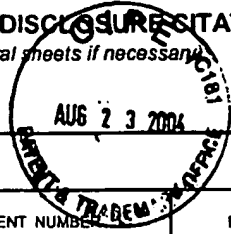
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LX	4,377,371	3/22/1983	Wisander, et al.	415	174	3/11/1981
	5,032,568	7/16/1991	Lau, et al.	505	1	9/1/1989
	5,073,433	12/17/1991	Taylor,	428	134	10/20/1989
	5,304,519	4/19/1994	Jackson, et al.	501	103	10/28/1992
	5,418,015	5/23/1995	Jackson, et al.	427	452	3/28/1994

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## FOREIGN PATENT DOCUMENTS

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						YES	NO
LX	UK2100621	11.06.1981	United Kingdom				
	WO 97/05994	20.02.1997	PCT				
	WO 00/00660	06.01.00	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LX	Arellano-Lopez, "Microstructural Characterization of Small-Particle Plasma Spray Coatings". J. Am. Ceram. Soc, 82 (8) 2204-2208 (1999)
LX	Bouyer, et al. "Characterization of SiC and Si3N4 coatings synthesized by means of inductive thermal plasma from disilane precursors". Applied Organometallic Chemistry. Appl. Organometal. Chem. 2001; 15: 833-840

EXAMINER

*Long Ru*

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1/18/06

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LF	5,421,895	6/6/1995	Tsubouchi, et al.	118	726	12/22/1992
	5,520,516	5/28/1996	Taylor, et al.	416	241	9/16/1994
	5,609,921	3/11/1997	Gitzhofer, et al.	427	446	8/26/1994
	5,620,524	4/15/1997	Fan, et al.	118	726	2/27/1995
	5,743,013	4/28/1998	Taylor, et al.	29	889.7	2/5/1996

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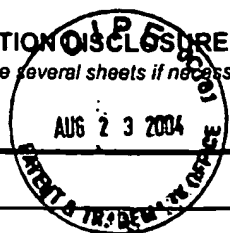
LF		Delbos, et al. "Plasma Spray Elaboration of Finely Structured YSZ Thin Coating by Liquid Suspension Injection". Thermal Spray 2003: Advancing the Science & Applying the Technology, (Ed.) C. Moreau and B. Marple, Published by ASM International, Materials Park, Ohio, USA, 2003. pp 661-669
LF		Devi, et al. "Comparison of citrate-nitrate gel combustion and precursor plasma spray processes for the synthesis of yttrium aluminum garnet". J. Mater. Res., Vol. 17, No. 11, Nov. 2002. pp 2846-2851

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LX	5,744,777	4/28/1998	Berneck, et al.	219	121.47	5/31/1996
	5,858,470	1/12/1999	Bernecki, et al.	427	453	8/1/1997
	5,876,683	3/2/1999	Glumac, et al.	423	325	11/2/1995
	6,025,034	2/15/2000	Strutt, et al.	427	450	2/5/1998
	6,132,653	10/17/2000	Hunt, et al.	264	5	4/16/1999

**U.S. PATENT APPLICATION PUBLICATIONS**

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

LX		Davi, et al. "Single-step deposition of Eu-doped Y2O3 phosphor coatings through a precursor plasma spraying technique". J. Mater. Res., Vol 17, No. 11, Nov. 2002. pp. 2771-2774
LX		Kartbikeyan, et al. "Preparation of Nanophase Materials by Thermal Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 9, pp. 137-140. 1997

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CX		Ma, et al. "Intermediate Temperature SOFC Based on Fully Integrated Plasma Sprayed Components". 6 pages
CX		Ma, et al. "Study of Unique Microstructure in SPS Ceramic NanoCoatings". 6 pages

EXAMINER

*Lucy Xu*

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6/18/06

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1725

\*EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Padture, et al. "Towards Durable Thermal Barrier Coatings with Novel Microstructures Deposited by Solution-Precursor Plasma Spray". Acta mater. 49 (2001) 2251-2257

Su, et al. "In Situ Characterization of Small-Particle Plasma Sprayed Powders". Journal of Thermal Spray Technology Vol. 11 (1) March 2002 pp 52-61

Parukuttyamma, et al. "Yttrium Aluminum Garnet (YAG) Films through a Precursor Plasma Spraying Technique". J. Am. Ceram. Soc., 84 (8) 1906-1908 (2001)

Tikkanen, et al. "Characteristics of the liquid flame spray process". Surface and Coatings Technology 90 (1997) 210-216

Schlichting, "Failure Modes in Plasma-Sprayed Thermal Barrier Coatings" University of Connecticut, (2000) 186 pages

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